



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

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M E M O R A N D U M

September 13, 1982

TO: Dick Burkhalter

FROM: Bruce Johnson *BJ*

SUBJECT: Disposal of Treatment Plant Sludge and Boiler Ash by  
Georgia-Pacific and Scott

Georgia-Pacific

Georgia-Pacific stopped burning primary clarifier sludge in the hog fuel boilers several months ago. This sludge is now hauled to a landfill on Marine Drive at an estimated rate of 30 tons per day, dry basis.

About 3 tons per day of fly ash from the hog fuel boilers are water slurried and pumped to the primary clarifier. Up to 50% of this ash is salt which dissolves and the remainder settles in the clarifier.

My estimate of hog fuel boiler cinder generation is 3 tons per day. This material is hauled to a landfill or is occasionally used as roadbed material.

Scott

On a dry weight daily basis, about 20 tons of primary sludge is mixed with 15 tons of secondary sludge and burned in the hog fuel boilers.

Fly ash from the hog fuel boilers is water slurried and then settled in a small clarifier at a rate of about 2.5 tons per day, dry basis. The ash sludge is used as a soil additive by a local topsoil company.

Hog fuel boiler cinders are generated at a rate of about 2.5 tons per day. For the past several years, boiler cinders have been added to a fill site at the mill. As this fill is now completed, Scott plans to use the cinders for road surface at their Riverside log sort yard.

The above estimated quantities for both Georgia-Pacific and Scott are partially based on older data that may need updating. I am in the process of obtaining updated quantity information from the mills.

BJ:lc

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